



SIDDHARTHA

College Code -TP

INSTITUTE OF ENGINEERING & TECHNOLOGY

(Accredited by NBA, Approved by AICTE & Affiliated to JNTU)
Vinobha Nagar, Ibrahimpatnam, Ranga Reddy Dist – 501 506, Telangana, INDIA.

Ph: 08414-222299, 222599, Fax: 08414-222399

E-mail: info@siddhartha.ac.in; www.siddhartha.ac.in



Mandatory Disclosure

1. Name of the Institution

Siddhartha Institute of Engineering & Technology

Vinobha Nagar, Ibrahimpatnam, Ranga Reddy Dist – 501 506, Telangana, INDIA.

Principal Mobile: +91- 7893044445

Email: info@siddhartha.ac.in

2. Name and address of the Trust/ Society/ Company and the Trustees

GP Educational Society

Plot No.170, FCI Colony, Vanasthalipuram, Hyderabad, Telangana, India

Mobile: +91- 91776 07659

Email: pradeep_mailus@yahoo.co.in

3. Name and Address of the Principal

Dr. Koorapati Eshwara Prasad

B.Tech, M.Tech, Ph.D

Principal and Professor

Siddhartha Institute of Engineering & Technology

Mobile: +91-78930 44445

Email: info@siddhartha.ac.in

4. Name of the Affiliating University

Jawaharlal Nehru Technological University, Hyderabad

5. Governance

Members of the Board and Their Brief Background

Following are the members of Governing Body of Siddhartha Institute of Engineering & Technology:

1. Dr. G. Nagaiah, Chairman, Siddhartha Institute of Engineering & Technology
2. Dr. S. Satyanarayana, Member, Siddhartha Institute of Engineering & Technology
3. Ms. G. Govardhani, Member, Siddhartha Institute of Engineering & Technology



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4. Dr. D. Pradeep Kumar, Member, Siddhartha Institute of Engineering & Technology
5. Dr. S. Vamshi Krishna, Member, Siddhartha Institute of Engineering & Technology
6. Dr. V. Kamakshi Prasad, UGC Nominee
7. Dr. K Eshwara Prasad, Member/Secretary, Siddhartha Institute of Engineering & Technology
8. Dr. A. Krishnam Raju, Member, Siddhartha Institute of Engineering & Technology
9. Dr. P. Lakshmi Narayana, Member, Siddhartha Institute of Engineering & Technology
10. Mr. D. Ankineedu Prasad, Industrialist
11. Dr. Sudhakar Rao, Member, Siddhartha Institute of Engineering & Technology
12. Dr. S. K. Bikshpathy, Member, Siddhartha Institute of Engineering & Technology
13. Dr. D. Subba Rao, Member, Siddhartha Institute of Engineering & Technology

Members of Academic Advisory Body

The Following are the members of Academic Advisory Body of Siddhartha Institute of Engineering & Technology:

1. **Dr. Koorapati Eshwara Prasad**
Principal & Professor of Mechanical, Siddhartha Institute of Engineering & Technology
2. **Dr. D. Pradeep Kumar**, Member, Professor H&S, Siddhartha Institute of Engineering & Technology
3. **Dr. D. Subba Rao**, Member, HOD, ECE, Siddhartha Institute of Engineering & Technology
4. **Dr. R. Kavitha**, Member, HOD, CSE, Siddhartha Institute of Engineering & Technology.
5. **Prof. S. L. N. Reddy**, Member, HOD, Mechanical, Siddhartha Institute of Engineering & Technology.
6. **Dr. A. Sateesh**, Member, HOD, EEE, Siddhartha Institute of Engineering & Technology
7. **Mr. Y. Naveen Kumar**, Member, HOD, CIVIL, Siddhartha Institute of Engineering & Technology
8. **Dr. CH. Prakash**, Member, HOD, MBA, Siddhartha Institute of Engineering & Technology

Frequency of the Board Meeting and Academic Advisory Body

The Governing Body meets at least twice in an Academic Year. Academic Advisory Body meets at least once in an Academic Year.



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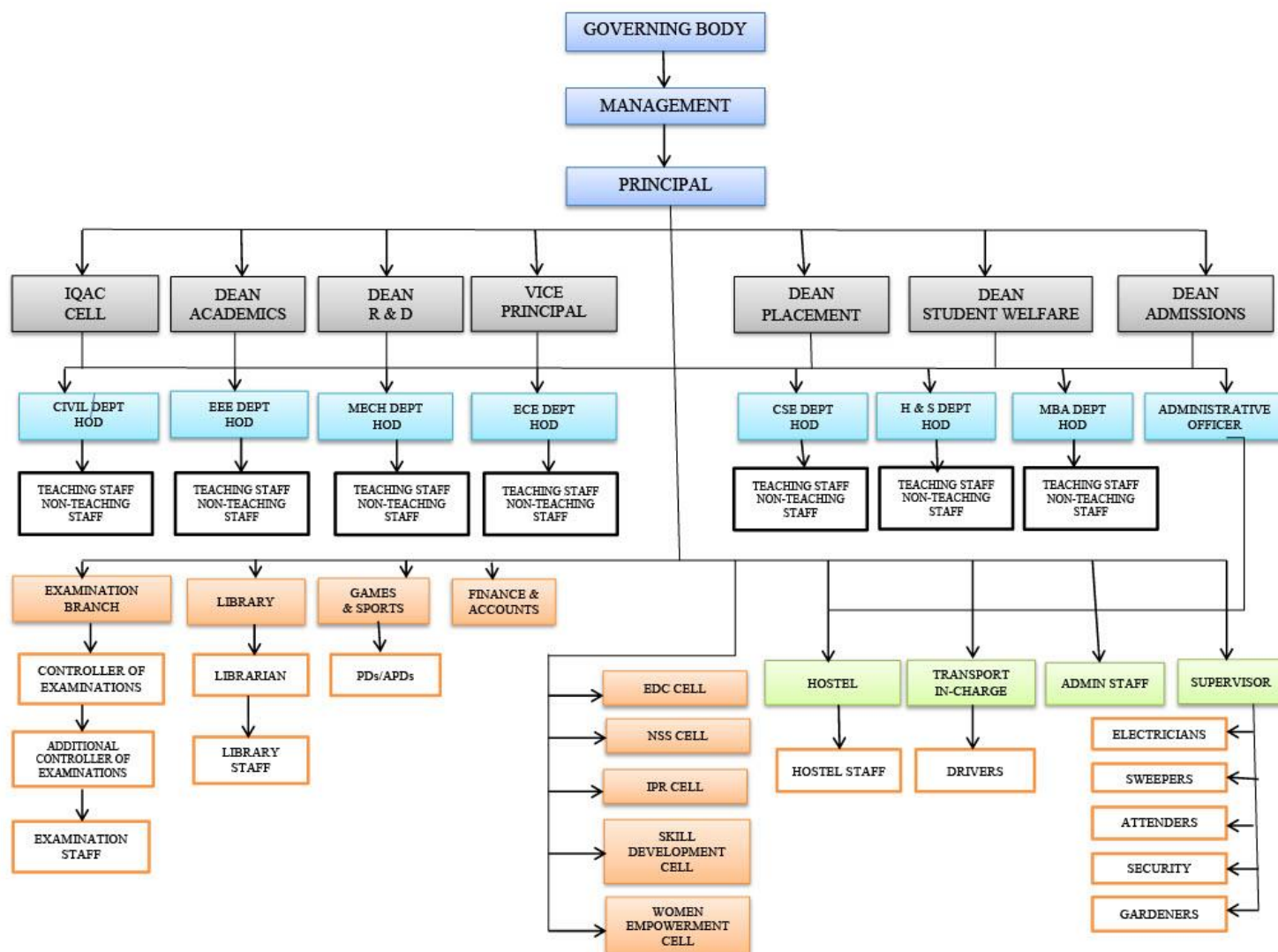
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Organizational chart and processes



Organizational Chart

The college has a well-structured organizational structure which clearly shows the people responsible for various tasks and the levels of supervision. The Governing Body is the highest body of the college and it is supreme decision making body. The Governing Body of the college meets at least two times in a year. In the governing body several issues pertaining to various academic and administrative matters were taken up, discussed and appropriate decision would be taken keeping the student development as its central agenda. The Governing Body strongly feels that the students should accomplish the desired goals and thus makes all the efforts (right educational methods-outcome-based education, infrastructure, equipment and tools) to create student centric environment. It follows the guidelines laid by the apex bodies like UGC, AICTE and JNTUH and comply them with utmost sincerity. The Governing Body continuously monitors the strategic plan and makes suitable



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advice/direction for the administration to execute the plan.

In addition to the governing body, there are several statutory and other committees are in place to administer various activities related to academic, administrative and extension. Thus, the governance of the college is more participatory and led by the governing body. This ensures holistic growth and development of the student stakeholders. Societal impact and responsibility are given prime importance by the Institute so as to contribute and promote sustainable socio- economic development through globally competitiveness.

The directions/suggestions of the governing body are effectively carried to the next levels by the Principal as shown in the organization chart. Also, HODs, Deans, other In-charges present their proposals, recommendations, progress to the GB through the Principal for the information and necessary approvals from the GB.

Nature and Extent of involvement of Faculty and students in academic affairs/improvements

Regular meetings with Faculty, Students and other stakeholders are conducted to collect the feedback and suggestions on the existing academic matters. Valid Feedback and/or suggestion will be considered for amendments and/or modifications.

Mechanism/Norms and Procedure for democratic/good Governance

The management believes good governance is essential to run an effective system for the growth and development of an institution and enhancing its outcomes. This objective promotes inclusiveness and participatory management style of functioning. As an integral part of the governance, the management delegated power (both administrative and academic activities) to the Principal and academic heads for smooth running of the institutional activities. The decentralization also helps the decision making with proper authority and financial power. Thus, decentralization has shown a significant impact on the policy making, planning, and management with reference to engineering education. The college includes all the stakeholders while framing various guidelines to fortify the systematic functioning of the college. At the same time, decentralization should be seen as a means of improving the efficiency of the system and its quality. There are several committees, both statutory and other, are in place to administer and effectively govern the institute.

The members of the Governing Body (GB) have responsibility for institutional performance. The chairman and members of the GB are actively engaging themselves in the institute developmental activities. All of its decision and policies are made in the best interest of the institution with due consultations with the concerned stakeholders. This top-down approach of the GB not only motivates the stakeholders but also effectively helped the development of institute. The minutes of the governing body, other committees and academic activities are published on the college website as act of transparent governance. The information is also shared with the employees through various meetings and circulars from time to time. Achieving academic excellence requires that the all the responsible people work together with defined role, responsibility and authority. The college organization chart provides an insight into the overall structure and authority with responsibility of various administrators and their levels in the organization.



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There are as many as 32 active committees in the college which work constantly to uphold all- round development of the students. The following are the few operational level decentralization of various activities in vogue in the institution: High Level Committees: The Governing Body and Statutory committees partake in the overall development and growth, policy decisions, financial and disciplinary issues. Middle Level Committees: Principal, Deans, COE, Associate Deans, and HODs partake in rules and regulations, academic development, curricular and co-curricular activities etc. Lower Level Committees: Various committees constituted for purpose of monitoring the policies and rule and regulations of the institutes.



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Student Feedback on Institutional Governance/ Faculty performance

Student Feedback is collected on the following,

- i) Feedback on faculty
- ii) Feedback on institutional governance and facilities
- iii) Feedback on Teaching learning

i) FEEDBACK ON FACULTY

Feedback on all courses will be collected through online from the students twice in a semester. The first feedback will be collected at the middle of the semester i.e., before first midterm examinations and will be collected at the end of the semester. During the first feedback a questionnaire consisting of 5 parameters is adopted and a 10 parameter questionnaire along with feedback on course outcomes is taken at the second feedback.

Each parameter is measured based on the rating assigned to it i.e., 5 for Excellent, 4 for Very Good, 3 for Good, 2 for Fair and 1 for Poor. Each parameter average is measured by calculating the average number of students given against each rating. Final feedback of a faculty is measured considering the average rating given against each parameter.

Five Parameters used to collect the Feedback at the mid of the semester:

- a. Has the Instructor clearly stated the Learning Out comes of the course?
- b. Was the class controlled and discipline maintained?
- c. How effective are the communication skills of the Faculty?
- d. Was the Instructor enthusiastic about teaching the class and invited questions and comments from students?
- e. Has the Instructor related course material to real life situations?

Ten parameters used to collect the feedback at the end of the semester:

- a. Was the class controlled and discipline maintained?
- b. How effective were the communication skills?
- c. Provides up-to-date information on the topic(s)?
- d. Did the faculty use real world examples and cases?
- e. Was the class interactive and doubts were clarified?
- f. How was the presentation style of the faculty?
- g. Encourages students to solve complex problems in the class?
- h. Makes objective and impartial evaluation of assessments?
- i. Sincerity and commitment towards academic work?
- j. Approachable after class hours for discussion and advice?



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Student Participation Percentage:

On an average 80% of the students will be participating in the feedback process.

Feedback analysis Process and Corrective Measures:

The collected feedback will be analyzed based on the rating given against each parameter of evaluation. Based on the final average of the feedback, corrective measures are taken by:

1. Interacting HOD with the faculty to identify the reasons for not performing well.
2. Providing further guidance in the subject by available senior faculty / other faculty who taught the same subject.
3. Deputing faculty to FDPs if required.

Faculty who get better feed-back will be rewarded by giving more weightage in faculty annual self-appraisal for the consideration of the increment.

ii) FEEDBACK ON FACILITIES

A standard procedure is adopted by SIET for collecting feedback on facilities. The feedback on facilities like classrooms, laboratories, infrastructure, library, sports etc. are collected from students. Collected feedback is analyzed for identifying corrective actions to be taken. On an average 80% of the students will be participating in the feedback process.

Parameters for collecting feedback on facilities:

1. Internet facility in the campus.
2. Access to the students and Wi-Fi connectivity.
3. Quality of computer labs in the department/college.
4. Quality and functioning of equipment in the department laboratories.
5. Helpfulness of labs personnel.
6. Overall staff responsiveness in the laboratories.
7. Quality of classrooms in terms of visibility of the board / adequacy of fans and lights in the class/ ventilation.
8. Use of technology in delivering the content.
9. Transport facility to students.
10. Quality of food in the college canteen.
11. Amenities in the hostel.
12. Drinking water facility in the college.
13. Cleanliness and Adequacy of toilets.
14. Games and sports facility.
15. Extra and co-curricular activities.
16. System of internal examination assessment and impartiality in awarding marks.
17. Ambiance of the college.
18. Quality of Training provided for placements.



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iii) FEEDBACK OF TEACHING LEARNING PROCESS

1. How well the teacher prepares for the class?
2. How well the teachers communicate?
3. How much of the syllabus is being covered by the end of the semester?
4. Was your performance in assignments and tests discussed with you by the concerned teacher?
5. SIET takes active interest in promoting internship, student exchange, field visit opportunities for students.
6. The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.
7. Teachers are able to identify your weaknesses and help you to overcome them.
8. The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.
9. The SIET faculty use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.
10. Teachers encourage you to participate in extra-curricular activities like games, sports, professional society activities.
11. What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching.

The overall quality of teaching-learning process at Siddhartha Institute of Engineering & Technology is very good.

Grievance Redressal mechanism for faculty, staff and students

The college has grievances and redressal cell for the faculty, staff and students to address issues pertaining to facilities, teaching learning process, discrimination or any other related. There are separate cells for these wings which are headed by the principal, a senior faculty as convener and other senior faculty being the members.

These Grievance Redressal committees are formed to look into the complaints received from the aggrieved. A Complaint Boxes are provided at Office of Principal and in the departments for students and faculty to lodge their complaints separately. The convener of the committee will consolidate the complaints received from all the students, faculty and staff. This will be presented before the committee which meets regularly depending upon the need. The committee recommends corrective measures to be taken and recorded in the register. Provision is also given to send the complaints <https://siet.postmygrievance.com/>.

Establishment of Anti Ragging Committee



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The institute has established Anti-Ragging Committee as per the guidelines of the Apex Bodies. The committee is recently reconstituted and approved by the Governing Body in its 20th Meeting held on 02-12-2021.

Establishment of Online Grievance Redressal Mechanism

The institute has Online Grievance Redressal facility through SIET Student Portal (Student Corner). Any aggravated student can report issues through the portal at:

<https://siet.postmygrievance.com/Home/Login?userType=Student>

Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University

The institute has established Grievances and Redressal Committee as per the guidelines of the Apex Bodies. The committee is recently reconstituted and approved by the Governing Body in its 20th Meeting held on 14-03-2020.

The affiliating university has appointed Dr. Jagannath Jetty, Professor of Geology (Retired), Osmania University as OMBUDSPERSON vide its Cir. No. UAAC/Student Grievance Redressal Committee/2020/1 dated 10-09-2020.

Establishment of Internal Complaint Committee (ICC)

The institute has established Internal Complaint Committee (ICC) as per the guidelines of the Apex Bodies. The committee is recently reconstituted and approved by the Governing Body in its 20th Meeting held on 02-12-2021.

Establishment of Committee for SC/ST

The institute has established SC/ST Committee as per the guidelines of the Apex Bodies. The committee is recently reconstituted and approved by the Governing Body in its 20th Meeting held on 14-03-2021.

Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) of the institution is a cell which continuously monitors the quality practices and ensures all the institutional academic policies thoroughly followed as prescribed by the apex bodies. The prime responsibility of IQAC is to initiate, plan and supervise various activities that are obligatory to increase the quality of the education imparted in the college. The role of IQAC in maintaining quality standards in teaching-learning processes and evaluation becomes crucial. The IQAC Cell strategically ensures the quality of teaching-learning practices through stringent initiatives and measures taken such as Faculty Self-Appraisal, FDPs, and Training Programs for Non-Teaching, Workshops on OBE, Conference Educational Reforms, Setting Quality Bench Marks, Key Performance Indicators, Auditing and Impact Mentoring, and Academic and Administrative Audit. Thus the IQAC monitors the continuous quality improvement of the academic processes. The two best practices and bench marked processes of the College are Key Performance



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Indicators, and Setting the quality BenchMarks.

Key Performance Indicators: The performance of a department is based on various parameters that play a key role in the assessment of quality. The assessment for quality improvement is done regularly and report is generated for all the departments every month, every semester and every year. Few Parameters on which the quality is measured are the academic performance of the students, success rate of the students, academic audits, number of publications done and the quality of the journal in which it is published, include the number of faculty awarded PhD degree in that year, number of funded research projects, total grants received, patents applied and granted. Besides these impetus is also given to consultancy works and faculty's contribution to writingbooks.

Setting the quality Bench Marks: The IQAC has initiated a standard for setting a performance at two levels viz the Faculty level and the Department Level. First bench mark set for the faculty are based on the number of papers published in International Journals of repute like IEEE, Elsevier, another being Doctorates form a cluster and work together for publications and also write proposals for funding projects, Faculty refresher courses, one week or FDP program guiding at least two UG projects, pursue online certificate courses, student's feedback and maintenance of academic performance index (API) score. The benchmarks on which the departments assessed are, the no of paper publications maintained with a minimum set at 1:1 ratio, funding projects starting with minimum 20 Lakhs per annum, consultancy work with minimum 20 lakhs PA, Faculty Development Programs, Workshops, Hands-on Training Programs, Higher education guidance, Student publications, Student Innovations, Student hardware working prototypes, Outcome-based education, computing CO-PO attainment and analyzing the impact of the TLP in deriving the outcomes, Increasing success rate of the students right from the first year. In order to gauge the true reflection of the activities carried out by the performance metric used in strategic management to identify and improve various internal functions, departmental score was devised and used to measure efficiency and effectiveness of the processes.

The institute has established IQAC Committee as per the guidelines of the Apex Bodies. The committee is recently reconstituted and approved by the Governing Body in its 20th Meeting held on 02-12-2021.

<http://siddhartha.ac.in/governing-body.php>

6. Programs

Name of Programs approved by AICTE

SNo	Program	Level	Course
1.			COMPUTER SCIENCE AND ENGINEERING



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2.	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)
3.			COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)
4.			ELECTRONICS AND COMMUNICATION ENGINEERING
5.			ELECTRICAL AND ELECTRONICS ENGINEERING
6.			MECHANICAL ENGINEERING
7.			CIVIL ENGINEERING
8.		POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING
9.			VLSI EMBEDDED SYSTEMS
13.	MANAGEMENT	POST GRADUATE	MBA

Name of Programs Accredited by NBA

SNo	Program	Level	Course
1.	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING
2.			ELECTRONICS AND COMMUNICATION ENGINEERING
3.			ELECTRICAL AND ELECTRONICS ENGINEERING

Status of Accreditation of the Courses

- Total number of Courses
- No. of Courses for which applied for Accreditation
- Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved forCourses

Total number of Courses	No. of Courses for which applied for Accreditation	Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits Completed/ Results of the visits awaited/ Rejected/ Approved for Courses
10	4	Approved for 03 Courses

For each Program the following details are to be given:

- Name
- Number of seats
- Duration
- Cut off marks/rank of admission during the last three years
- Fee
- Placement Facilities
- Campus placement in last three years with minimum salary, maximum salary and



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Course	UG - B. Tech – Computer Science and Engineering			
Number of seats	180			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2020-2021:86170 2019-2020:98458 2018-2019:95509 2017-2018: 100813			
Fee	Rs. 56,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum	Number of Placements	2020-21	2019-20	2018-2019
		62	72	71
salary, maximum salary and average salary	Minimum Salary	Rs. 200000	Rs. 200000	Rs. 1,92,000
	Maximum Salary	Rs. 450500	Rs.450000	Rs. 5,50,000
	Average Salary	Rs. 383870	Rs. 339736	Rs. 282422

Course	UG - B. Tech – Electronics and Communication Engineering			
Number of seats	120			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2020-2021:86189 2019-2020:98522 2018-2019:99604 2017-2018: 102861			
Fee	Rs. 56,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2020-21	2019-20	2018-2019
	Number of Placements	52	65	66
	Minimum Salary	Rs.156000	Rs. 1,56,000	Rs. 1,92,000
	Maximum Salary	Rs. 2420201	Rs. 1000000	Rs. 10,00,000
	Average Salary	Rs. 397225	Rs. 343999	Rs. 281914



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Course	UG - B. Tech – Electrical and Electronics and Engineering			
Number of seats	120			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2020-2021:84062 2019-2020:94567 2018-2019:96377 2017-2018: 102461			
Fee	Rs. 56,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2020-21	2019-20	2018-2019
	Number of Placements	46	56	46
	Minimum Salary	Rs. 166680	Rs. 144000	Rs. 1,20,000
	Maximum Salary	Rs. 638400	Rs. 477300	Rs. 651480
	Average Salary	Rs. 247755	Rs. 238449	Rs. 267681
Course	UG - B. Tech – Mechanical Engineering			
Number of seats	60 (<i>From the AY 2020-2021</i>)			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2020-2021:78858 2019-2020:99533 2018-2019:96645 2017-2018: 103154			
Fee	Rs. 56,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2020-21	2019-20	2018-2019
	Number of Placements	40	48	41
	Minimum Salary	Rs. 2,00,000	Rs. 1,80,000	Rs. 2,00,000
	Maximum Salary	Rs. 450000	Rs. 600000	Rs. 384000
	Average Salary	Rs. 268806	Rs. 242306	Rs. 242306
Course	UG - B. Tech – Civil Engineering			



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Number of seats	120			
Duration	4 Years			
Cut off marks/rank of admission during the last three years	2020-2021:82473 2019-2020:96479 2018-2019:99591 2017-2018: 1000631			
Fee	Rs. 56,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2020-21	2019-20	2018-2019
	Number of Placements	37	63	48
	Minimum Salary	Rs. 120000	Rs. 112000	Rs. 156000
	Maximum Salary	Rs. 4,50,000	Rs. 6,72,000	Rs. 552,000
	Average Salary	Rs. 263371	Rs. 254490	Rs. 268829

Course	PG - M. Tech – Computer Science and Engineering			
Number of seats	18			
Duration	2 Years			
Cut off marks/rank of admission during the last three years	2020-2021:1088 2019-2020:1747 2018-2019:2392 2017-2018:3007			
Fee	Rs. 75,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2019-2020	2018-2019	2017-2018
	Number of Placements	4	0	7
	Minimum Salary	Rs. 336000	0	Rs. 400000
	Maximum Salary	Rs. 105000	0	Rs. 800000
	Average Salary	Rs. 571428	0	571428

Course	PG - M. Tech – VLSI EMBEDDED SYSTEMS			
Number of seats	18			



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E-mail: info@siddhartha.ac.in; www.siddhartha.ac.in



Duration	2 Years			
Cut off marks/rank of admission during the last three years	2020-2021:1472 2019-2020:1321 2018-2019:2800 2017-2018:3161			
Fee	Rs. 75,000			
Placement Facilities	Yes			
		2019-2020	2018-2019	2017-2018
Campus placement in last three years with minimum salary, maximum salary and average salary	Number of Placements	04	04	11
	Minimum Salary	Rs 256000	Rs 400000	Rs 150000
	Maximum Salary	Rs.1800000	Rs.4562000	Rs.900000
	Average Salary	Rs.914000	Rs. 420250	Rs.129676



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Course	PG - MBA – Master of Business Administration			
Number of seats	60			
Duration	2 Years			
Cut off marks/rank of admission during the last three years	2020-2021:40171 2019-2020:24921 2018-2019:39440 2017-2018:57911			
Fee	Rs. 40,000			
Placement Facilities	Yes			
Campus placement in last three years with minimum salary, maximum salary and average salary		2020-2021	2019-2020	2018-2019
	Number of Placements	16	14	11
	Minimum Salary	Rs. 144000	Rs. 144000	Rs. 120000
	Maximum Salary	Rs. 360000	Rs. 252000	Rs. 294000
	Average Salary	Rs. 232274	Rs. 176913	Rs. 208778

Name and duration of Programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:

Details of the Foreign University

- Name of the University
- Address
- Website
- Accreditation status of the University in its HomeCountry
- Ranking of the University in the HomeCountry
- Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country.
- Nature of Collaboration
- Conditions of Collaboration
- Complete details of payment a student has to make to get the full benefit of Collaboration



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Siddhartha Institute of Engineering & Technology is not offering any Programme(s) having Twinning and Collaboration with Foreign University(s).

For each Program Collaborated provide the following:

- Program Focus
- Number of seats
- Admission Procedure
- Fee
- Placement Facility
- Placement Records for last three years with minimum salary, maximum salary and average salary.

Not Applicable

Whether the Collaboration Program is approved by AICTE? If not whether the Domestic/Foreign University has applied to AICTE for approval

Not Applicable

7. Faculty Branch wise list Faculty members

Branch wise list of Faculty members is available at the following links:

Department of CSE: <http://www.siddhartha.ac.in/cse.php>

Department of ECE: <http://www.siddhartha.ac.in/ece.php>

Department of EEE: <http://www.siddhartha.ac.in/eee.php>

Department of ME: <http://www.siddhartha.ac.in/mech.php>

Department of CE: <http://www.siddhartha.ac.in/civil.php>

Department of MBA: <http://www.siddhartha.ac.in/mba.php>

Department of H&S: <http://www.siddhartha.ac.in/h&s.php>

Permanent Faculty

The details of Permanent Faculty are available at the following links:

Department of CSE: <http://www.siddhartha.ac.in/cse.php>

Department of ECE: <http://www.siddhartha.ac.in/ece.php>

Department of EEE: <http://www.siddhartha.ac.in/eee.php>

Department of ME: <http://www.siddhartha.ac.in/mech.php>

Department of CE: <http://www.siddhartha.ac.in/civil.php>

Department of MBA: <http://www.siddhartha.ac.in/mba.php>

Department of H&S: <http://www.siddhartha.ac.in/h&s.php>



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Adjunct Faculty

The details of Adjunct Faculty are available at the following links:

Permanent Faculty: Student Ratio

Permanent Faculty Student Ratio is 1:15

Number of Faculty employed and left during the last three years

Academic Year	Total Number of Faculty Employed	Number of Faculty Joined	Number of Faculty Left
2019-2020			
2018-2019			
2017-2018			

8. Profile of Principal

For each Faculty give a page covering with Passport size photograph

Profile of the Principal:

Dr. Koorapati Eshwara Prasad

B.Tech, M.Tech, Ph.D

Principal and Professor

Profile of the Faculty:

Profile of each faculty member is available at department wise at the

Department of CSE: <http://www.siddhartha.ac.in/cse.php>

Department of ECE: <http://www.siddhartha.ac.in/ece.php>

Department of EEE: <http://www.siddhartha.ac.in/eee.php>

Department of ME: <http://www.siddhartha.ac.in/mech.php>

Department of CE: <http://www.siddhartha.ac.in/civil.php>

Department of MBA: <http://www.siddhartha.ac.in/mba.php>

Department of H&S: <http://www.siddhartha.ac.in/h&s.php>

9. Fee

Details of Fee, as approved by State Fee Committee, for the Institution

The details of Fee, as approved by TAFRC (State Fee Committee), for the Institution is available at:
<http://siddhartha.ac.in/Fee-Structure>

Time schedule for payment of Fee for the entire Programme

01st July of every year



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No. of Fee waivers granted with amount and name of students

Number of scholarship offered by the Institution, duration and amount

2018-2019:03

2017-2018:04

Criteria for Fee waivers/scholarship



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Academic Performance and Economically weaker sections

Estimated cost of boarding and lodging in Hostels

Estimated Cost of Boarding and Lodging in Boys Hostel per annum - Rs. 1,05,000 Estimated

Cost of Boarding and Lodging in Girls Hostel per annum – Rs. 1,00,000

10. Admission

Number of seats sanctioned with the year of approval

S.No.	Program	Level	Cour se	Year of Approval	2020- 2021	2019- 2020	2018- 2019	2017- 2018
1.	ENGINEERING AND TECHNOLOGY	UNDER GRADUAT E	COMPUTER SCIENCE AND ENGINEERING	2008	180	120	120	120
2.			COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)	2020	60	-	-	-
3.			COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	2020	60	-	-	-
4.			ELECTRONICS AND COMMUNICATION ENGINEERING	2008	120	120	120	120
5.			ELECTRICAL AND ELECTRONICS ENGINEERING	2008	120	120	120	120
6.			MECHANICAL ENGINEERING	2009	60	120	120	180
7.			CIVIL ENGINEERING	2012	120	120	120	120
8.		POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	2012	18	18	18	18
9.			VLSI EMBEDDED SYSTEMS	2012	18	18	18	18
10.			DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	2013	-	-	18	18
14.	MANAGEMENT	POST GRADUATE	MBA	2008	60	60	60	60



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Number of Students admitted under various categories each year in the last three years

SNo	Program	Level	Course	Total Number of Students Admitted under Various categories			
				2020-2021	2019-2020	2018-2019	2017-2018
1.	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING				
2.			COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)				
3.			COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)				
4.			ELECTRONICS AND COMMUNICATION ENGINEERING				
5.			ELECTRICAL AND ELECTRONICS ENGINEERING				
6.			MECHANICAL ENGINEERING				
7.			CIVIL ENGINEERING				
8.		POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING				
9.			VLSI EMBEDDED SYSTEMS				
10.			DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS				
11.			POWER ELECTRONICS				
12.			THERMAL ENGINEERING				
13.			STRUCTURAL ENGINEERING				
14.	MANAGEMENT	POST GRADUATE	MBA				

Number of applications received during last two years for admission under Management Quota and number admitted



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Year	Number of Applications Received	Number Admitted
2018-2019	168	122
2019-2020	124	83
2020-2021	145	126



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11. Admission Procedure

Mention the admission test being followed, name and address of the Test Agency and its URL (website)

B.Tech. - <https://tseamcet.nic.in/default.aspx>

M.Tech. - https://pgecet.tsche.ac.in/TSPGECET/PGECET_HomePage.aspx

MBA - https://icet.tsche.ac.in/TSICET/TSICET_HomePage.aspx

Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)

Calendar for admission against Management/vacant seats:

Last date of request for applications: 29/11/21 Last date of submission of applications: 04/12/21 Dates for announcing final results: 15/12/21

Release of admission list (main list and waiting list shall be announced on the same day): 30/11/21

Date for acceptance by the candidate (time given shall in no case be less than 15 Days):

Last date for closing of admission: 04/12/21

Starting of the Academic session: 09/12/21

The waiting list shall be activated only on the expiry of date of main list

The policy of refund of the Fee, in case of withdrawal, shall be clearly notified

12. Criteria and Weightages for Admission

Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

Mention the minimum Level of acceptance, if any

Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years

Display marks scored in Test etc. and in aggregate for all candidates who were admitted

B. Tech. - as notified by the Convener, TS EAMCET <https://tseamcet.nic.in/default.aspx>

M. Tech. - as notified by the Convener, TS PGECET
https://pgecet.tsche.ac.in/TSPGECET/PGECET_HomePage.aspx

MBA - as notified by the Convener, ICET
https://icet.tsche.ac.in/TSICET/TSICET_HomePage.aspx



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13. List of Applicants

List of candidate whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats.

14. Results of Admission Under Management seats/Vacant seats

Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over).

Score of the individual candidate admitted arranged in order of merit List of candidate who have been offered admission.

Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate.

List of the candidate who joined within the date, vacancy position in each category before operation of waiting list.

15. Information of Infrastructure and Other Resources Available

Number of Class Rooms and size of each

The institution has 4 class rooms. The details and size of each room are shown in the below table.

SN O	Room Id/Name	Room Type	Area in sqm
1	AG02	UG Classroom	66.3
2	AG06	UG Classroom	66.7
3	A102	UG Classroom	67.7
4	A106	UG Classroom	66
5	A107	UG Classroom	66
6	A109	UG Classroom	66.9
7	A112	UG Classroom	66
8	A119	UG Classroom	68
9	A202	UG Classroom	69
10	A206	UG Classroom	66
11	A207	UG Classroom	66
12	A208	UG Classroom	66
13	A210A	UG Classroom	66
14	A210B	UG Classroom	66
15	A211	UG Classroom	66
16	A212	UG Classroom	66
17	A213	UG Classroom	66
18	A214	UG Classroom	76



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19	A302	UG Classroom	66
20	A306	UG Classroom	66.5
21	A307	UG Classroom	66.5
22	A308	UG Classroom	68.3
23	A310	UG Classroom	66
24	A311	UG Classroom	66
25	A312	UG Classroom	67.8
26	A313	UG Classroom	74.2
27	BG03	UG Classroom	70.1
28	BG04	UG Classroom	70.1
29	B102	UG Classroom	70.1
30	B103	UG Classroom	70.1
31	B104	UG Classroom	70.1
32	B105	UG Classroom	70.1
33	B106	UG Classroom	71.2
34	C135	UG Classroom	66
35	C136	UG Classroom	66
36	C211	UG Classroom	67.8
37	C212	UG Classroom	66
38	A103	PG Classroom	33
39	A110	PG Classroom	33.2
40	A117	PG Classroom	33.9
41	A118	PG Classroom	33.4
42	A203	PG Classroom	33.9
43	A209	PG Classroom	36.2
44	A303	PG Classroom	34.7
45	A305A	PG Classroom	33.1

Number of Tutorial rooms and size of each

The institution has 9 tutorial rooms. The details and size of each room are shown in the below table.

SNO	Room Id/Name	Room Type	Area in sqm
1	AG14	Tutorial Room	33.15
2	A105B	Tutorial Room	33.25
3	A108	Tutorial Room	33.25
4	A120	Tutorial Room	34.2
5	A205	Tutorial Room	33.37
6	A205A	Tutorial Room	33.37
7	A217	Tutorial Room	33
8	A301	Tutorial Room	34.2
9	A316	Tutorial Room	33.15



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Number of Laboratories and size of each

The institution has 48 Laboratories. The details and size of each room are shown in the below table.

SN O	Room Id/Name	Room Type	Area in sqm
1	AG04A	Laboratory	66.7
2	AG05	Laboratory	66.7
3	AG08	Laboratory	66.4
4	AG08A	Laboratory	66.4
5	AG10	Laboratory	66.4
6	AG11	Laboratory	75.2
7	AG11A	Laboratory	75.2
8	A105	Laboratory	82.4
9	A113	Laboratory	77.1
10	A205B	Laboratory	66.7
11	A305	Laboratory	66.9
12	A305B	Laboratory	67
13	C137	Laboratory	66
14	C138	Laboratory	66
15	C202	Laboratory	68.2
16	C203	Laboratory	72.7
17	C204	Laboratory	72.7
18	EL01	Laboratory	79.8
19	EL02	Laboratory	67.9
20	EL03	Laboratory	66.7
21	EL04	Laboratory	68.2
22	EL05	Laboratory	66.7
23	EL06	Laboratory	68.2
24	EL07	Laboratory	66.7
25	EL08	Laboratory	68.2
26	ML1	Laboratory	66.2
27	ML2	Laboratory	66.2
28	ML3	Laboratory	66.2
29	ML4	Laboratory	66.2
30	ML5	Laboratory	66.2
31	ML6	Laboratory	66.2
32	ML7	Laboratory	66.2
33	SA1	Laboratory	67
34	SA2	Laboratory	67.7
35	SA3	Laboratory	67.4



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36	SA4	Laboratory	67.4
37	SA5	Laboratory	67.4
38	SA6	Laboratory	67.4
39	SA7	Laboratory	67.4
40	SA8	Laboratory	66.8
41	SB1	Laboratory	67
42	SB2	Laboratory	67.4
43	SB3	Laboratory	67.4
44	SB4	Laboratory	66.8
45	SB5	Laboratory	66.8
46	SB6	Laboratory	67.4
47	SB7	Laboratory	67.5
48	SB8	Laboratory	66.8

Number of Drawing Halls with capacity of each

The institution has 2 Drawing Halls. The details and size of each hall is shown in the below table.

SN O	Room Id/Name	Room Type	Area in sqm
1	A111	Drawing Hall	132.1
2	BG05	Drawing Hall	141



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Number of Computer Centers with capacity of each

The institution has 3 Computer Centers. The details and size of each Computer Centre is shown in the below table.

SN O	Room Id/Name	Room Type	Area in sqm
1	AG09	Computer Center	66.4
2	A219	Computer Center	103.8
3	A309	Computer Center	132.1

Central Examination Facility, Number of rooms and capacity of each

The institute has central examination facility with 6 rooms. The details and size of each room is shown in the below table.

Barrier Free Built Environment for disabled and elderly persons

It has been felt that differently-abled persons need special arrangements in the SIET College premises for their mobility and independent functioning. SIET has architectural barrier free environment that disabled persons find easy for their day-to-day functioning. The college addresses the accessibility relevant issues as per the stipulations of the Persons with Disabilities Act 1995. The entire existing infrastructure in the college is disabled-friendly and SIET ensures that the future construction will also be based on the principle of inclusion. The institute has special facilities such as Wheel chairs, Walkers, Lifts, Ramps, Hand Rails, Special Toilets, and other necessary changes to meet the needs of differently-abled persons.

1. **Physical Facilities:** The classes for differently abled students are conducted on the ground floor for their convenience. Mobility devices like Wheel Chairs and Walker are made available in major buildings.
2. **Provision for lift:** Lifts are provided in Block-1, Block-3, Block-5 and for Library.
3. **Ramp / Rails:** Apart from stair access and lifts, SIET Buildings are constructed with Ramps and Hand Rails as sloped pathways used to provide access to outside buildings. Ramps provide an alternative to stairs for wheelchair users, people with mobility issues and people with prams, bicycles and other wheeled items. Adequate space is allocated for persons using mobility devices, as well as those walking with the assistance of other persons
4. **Braille Software:** To assist visually challenged students NVDA software is installed in computers and speaker is provided. But so far no visually challenged students have joined in the college.
5. **Rest Rooms:** Rest rooms are provided with clean and hygienic conditions in every building block. The rooms are constructed in the ground floor for the convenience of the students.



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1. Scribes for examination:

SIET provides scribes for differently abled students if required during examinations. As per the JNTUH and AICTE rules of examinations.

JNTUH: Proceeding No.JNTUH/EB/11148/2/ConcessionextendedtothePhysicallyChallenged Students/2018

AICTE: F.No.AICTE/e-Gov./230/2015-16- Disable friendly examination centre for candidates with disabilities – Order of Court of Chief Commissioner for Persons with Disabilities

2. Any otherFacilities:

- i. First Aid and Sick Room is made available in the ground floor of Block-1 room No. 1006 with stretcher and bed along withdoctor.
- ii. Ambulance facility is made available in the campus in case of anyemergency.
- iii. SIET provides guidance and counseling to differently abled individuals and assist them to gain successful employment in the public as well as privatesectors.
- iv. SIET conducts awareness programs for faculty about the approaches to teaching, evaluation procedures, etc, which they should address in the case of differently-abled students.
- v. College buses are arranged with extra door step to support physically challenged persons.

Occupancy Certificate

The Occupancy Certificate is available at:

Fire and Safety Certificate

The Fire and Safety Certificate is available at:

Hostel Facilities

The institute has separate Boys Hostel and Girls hostel facility. The Boys hostel has 78 Rooms with 3 student per room accommodation, 8 Rooms with 4 students per room accommodation with a total area of 1550 Sqm. The Girls hostel has 79 Rooms with 3 student per room accommodation, 3 Rooms with 4 students per room accommodation with a total area of 1440 Sqm.

These hostels are having the following facilities:

- InternetFacility
- CafeteriaFacility
- RO Purified DrinkingWater
- Laundry



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- 24X7 Security, CCTV Surveillance,
- Solar Fencing and In-House Warden
- Round the clock ambulance service
- Inward and the outward movements are registered and allowed only with the prior information from the parents
- For fitness of girls along with boys there is a separate high-quality equipment of games, sports, and gym is provided
- Anti-Ragging Vigilance
- Medical & other Facilities at Hostel
- Resident Doctor
- 24X7 ambulance facility.
- MoU with nearest multispecialty emergency hospital.

Library

Number of Library books/ Titles/ Journals available (program-wise)

Program e/Course	No. of Titles	No. of Volumes	No. of National Journals	No. of International Journals	No. of e-Journals/ Online Journals	No. of e-Book Titles	No. of e-Book Volumes
B.Tech. - Engineering	4295	22150	72	10	16345	1050	2050
M.Tech. - Engineering	750	3300	22	06	3000	800	
Total	5300	27050	94	16			
MBA	255	1600	12	06	1000	200	
Grand total	5555	27050	106	24	20345	2050	

List of online National/ International Journals subscribed

SNo.	Details	Number of e-Journals	Link for List of online National/ International Journals subscribed
1	IEEE ASPP	1925	
2	IEEE POP		
3	ASME		
4	ASCE		
5	ESS SS&H		



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E- Library facilities

The Central Library provides digital content to the user community (students & faculty) for updating their pedagogy and learning beyond curriculum through the library webpage, which access of OPAC (Online Public Access Catalogue), World e-Book Library (e-Books), NPTEL & SWAYAM web & video courses, SWAYAM Prabha (32 DTH Channel for Education), National Digital Library of India (NDL), memberships of DELNET, N-List and British Council Library, and other Open Educational Resources (OERs).

Laboratory and Workshop

- *List of Major Equipment/Facilities in each Laboratory/Workshop*
- *List of Experimental Setup in each Laboratory/Workshop*

The details of List of Major Equipment/Facilities in each Laboratory/ Workshop and List of Experimental Setup in each Laboratory/ Workshop are available at:

Computing Facilities

Internet Bandwidth

The institute has internet connection with a bandwidth of 500 Mbps.

Number and configuration of System

The institute has a total number of 770 Computers. The distribution of computers along their configuration is shown at:

Total number of system connected by LAN

All 770 computers of the institute are connected by LAN.

Total number of systems connected by WAN

A total of 770 systems are connected by WAN

Major software packages available

The institute has 9 System Software and 40 Application Software. The list of System Software and Application Software are available at:



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Special purpose facilities available –

Lecture Video Recording Studio Room, 1500 Seating Auditorium with Silver Screen and Cinema Projector and multimedia systems, Video conferencing rooms with A-View software.

Innovation Cell

Centre for Innovation and Entrepreneurship (CIE) at SIET is established to promote and support technology-based entrepreneurship spirit among the graduated and graduating students of SIET. CIE. SIET wishes to facilitate the creation of ideas and inventions that benefit society.

In Incubation program at CIE, we support Innovation and Entrepreneurship aspirants with funding opportunities, mentoring support, nurturing ideas and help these aspirants to start their unique startups and entrepreneurship journey. Our virtual incubator is accessible to all the aspirants and can operate from any where in India. In CIE we support Early-stage startups, Mid to large-sized companies with developed ideas by identifying the challenges they are facing and provide proper guidance to get started or scale-up the initiative. Our world-class Mentorship team helps our Incubated startups to brain-storm, pitch and reaches the desired Goals with increased productivity and impact.

In CIE SIET, we organize a series of Entrepreneurship Development Workshops and Entrepreneurship Awareness Camps to Identify and guide early-stage ideas and startups with required skills, network and support. We have partnered with WADHWANI Foundation to help our incubated entrepreneurs to network with startups and leaders who are creating an impact in the fields. We received immense guidance, funds and support from DST - NIMAT, MSME, Entrepreneurship Development Institute of India, IUCEE to help our incubated startups to acquire skills and scale-up their ventures.

We have recently partnered with T - Hub and implementing their flagship program (T-Tribe) where we support idea-stage startups, build skills and help entrepreneurship aspirants to get knowledge from basics. Till date, we have many startups who won National and International awards for the Socio Economical Impact they have created under the training and guidance from our Incubation centre.

All these success stories help us to stay motivated and help more entrepreneurship aspirants to start their own startup journey.

Social Media Cell

SIET is active on various Social Media Platforms like Facebook, Twitter and Instagram.
Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments

Not Applicable

List of facilities available

Games and Sports Facilities



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Indoor Games and Sports facilities available:

Name of the game	Total area available in SQM	Nos.
Carroms (Boys & Girls)	90	6 Boards each
Chess (Boys & Girls)	90	5 Boards each
Table Tennis	90	7 Boards each
Shuttle Badminton	609	3 courts
Snookers	150	4 Tables
Gymnasium Boys	133	1
Gymnasium Girls	104	1
Yoga class room	72	1 Room
Student rest rooms	600	8 Rooms

Outdoor Games and Sports facilities available:

Name of the game	Total area available in SQM	No of courts/field
Cricket	3,600	1
Foot Ball	2,200	1
Basketball	540	1
Volleyball	980	3
Throw Ball	360	1
Tennikoit	150	1
Kabbadi	400	1

Extra-Curricular Activities

To provide a common platform for students to explore their inherent talents through extra-curricular activities the following clubs are formed under the Student Affairs division.

1. RAAGA CLUB
2. NRUTYA CLUB
3. REFLEXA CLUB
4. FINE ARTS CLUB
5. LITERATURE CLUB
6. GENESIS CLUB
7. NSS Unit

Student Affairs division continuously organized various events for encouraging students talent.

Soft Skill Development Facilities

Many of the students enter the portals of the institution are from the first-generation families who look for a job immediate as career option after completion of the graduation. The challenge here is that their eligibility for a campus placement opportunity (the industry expects a minimum of 60% marks at both 10th and 12th standards). The college is totally concern about this. In order to facilitate the students to improve their academic performance and communication skills the college felt there is



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need for continuous skill building activity. Accordingly, a dedicated student skill development cell was established in the year 2016. The main objective of the Skill Development Cell is to bridge the gap between academia and industry and train the students on the required skill sets. Students are trained on employability skills to suit the requirement of the industry.

The institute hires skilled trainers specialized in various fields related to the requirements of the job market. The students are trained in areas of Aptitude knowledge, Quantitative theory, Soft Skill and Technical Skills. These trainers offer courses for the 2nd and 3rd year students for the semester and the syllabus is designed accordingly to suit the requirement of the job market. Apart from the regular classes, students are also provided the industry related training for 15 days or weekly based on the student's requirements. Gradually the trainers were taken on rolls and on full time job in order to spare more time and focus for the training and imparting skills. The impact of this shown a gradual increase in the placements due to persistent efforts in preparing and training the students for employability. Most of our students before they graduate get job offers from companies of repute like, Cap-Gemini, Tata Consultancy Services, Amazon, Salesforce, Wipro and several others.

There are several students who opt for the internship; however, the students don't have a clear idea of how to get the internship and the various assessment processes. Hence, the Student Skill Development Cell assist such students to go through the process and help them to attend and clear the interview. Some of our graduates prefer going for the higher studies in the foreign universities, however, they cannot afford to go without the scholarship. Hence, they need to appear for various tests like GRE, TOFEL, PTE, IELTS etc, the trainers also extend helping hand and personal guidance to the desired students for achieving success in the test. The cell also extends its reach to the staff and faculty in aiding to improve their communication and connect with the industry for fetching a professional internship during the semester breaks. Since the Student Skill Development Cell also offers the assistance to the faculty/staff it is named as competency Development Cell (CDC) in the year 2018. The cell is headed by a senior faculty in the capacity associate dean of the institute. The competency development cell focuses on gathering the requirement of students, staff and faculty through various surveys and identifies the gaps and offer suitable services for enhancing the competencies of the concerned.

Teaching Learning Process

Curricula and syllabus for each of the Programs as approved by the University

Curricula and syllabus for each of the Programs as approved by the University is available at:

Academic Calendar of the College

Academic Calendar of the College is available at:

Academic Time Table with the name of the Faculty members handling the Course

Department Wise Academic Time Tables are available at:

Department of CSE:



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Department of ECE:

Department of EEE:

Department of ME:

Department of CE:

Department of H&S:

Department of MBA:

Teaching Load of each Faculty

Department Wise Teaching Loads are available at:

Department of CSE:

Department of ECE:

Department of EEE:

Department of ME:

Department of CE:

Department of H&S:

Department of MBA:

Internal Continuous Evaluation System and place

ASSESSMENT

Assessment Tools

The academic performance of a student shall be evaluated course-wise by using the assessment tools as mentioned below:

Table: Assessment Tools for Regular Courses / Project Work (Phase-II)

Type of Course	Assessment Tools					
	CIE (30%)					SEE (70%)
	CAT1	CAT2	AAT	Practice	Total	Total
Integrated Course	20 Marks	20 Marks	20 Marks	40 Marks	100 Marks	100 Marks
Theory Course	40 Marks	40 Marks	20 Marks	-	100 Marks	100 Marks
Practical Course	50 Marks	50 Marks	-	-	100 Marks	100 Marks



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	Review1	Review2	Viva-Voce	-		
Project Work (Phase – II)	40 Marks	40 Marks	20 Marks	-	100 Marks	100 Marks

Table: Assessment Tools for Internship/Mini-Project/Project Work (Phase-I)

Type of Course	Assessment Tools			
	CIE (100%)			
	Review1	Review2	Viva-Voce	Total
Internship	40 Marks	40 Marks	20 Marks	100 Marks
Mini-Project	40 Marks	40 Marks	20 Marks	100 Marks
Project Work (Phase – I)	40 Marks	40 Marks	20 Marks	100 Marks

The assessment of Internship/Mini-Project/Project Work (Phase-I)/Project Work (Phase-II) is done through a well-defined rubrics.

Passing Standards

The passing criterion for various courses is mentioned below:

Integrated Courses			
S.No.	Type of Assessment Tool	Max. Marks	Conditions
1	CIE – Theory (CAT1+CAT2+AA T)	60	A student who secures less than 40% of marks (24 marks out of 60) shall not be allowed to SEE
2	CIE – Practice	40	A student who secures less than 40% of marks (16 marks out of 40) shall not be allowed to SEE
3	CIE+SEE (30%+70%)	100	A minimum of 40% of marks must be secured to declare as PASS with a minimum of 35% of marks in the SEE and obtain the assigned credits (Total marks=30% of CIE+ 70% of SEE)

Theory			
S.No.	Type of Assessment Tool	Max. Marks	Remarks
1	CIE (CAT1+CAT2+AA T)	100	A student who secures less than 40% of marks shall not be allowed to SEE
2	CIE+SEE (30%+70%)	100	A minimum of 40% of marks must be secured to declare as PASS with a minimum of 35% of marks in the SEE and obtain the assigned credits (Total marks=30% of CIE+ 70% of SEE)

Practical Courses			
S.No.	Type of Assessment Tool	Max. Marks	Remarks



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1	CIE (CAT1+CAT2)	100	A student who secures less than 40% of marks shall not be allowed to SEE
2	CIE+SEE (30%+70%)	100	A minimum of 40% of marks must be secured to declare as PASS with a minimum of 35% of marks in the SEE and obtain the assigned credits (Total marks=30% of CIE+ 70% of SEE)

- A student's hall secures not less than 40% of marks in each and every assessment tool of CIE.
- If a student fails in SEE then in such an event, he/she shall be provided one opportunity to appear SEEING with the same CIE marks in the immediate supplementary semester. The student must get a PASS grade in the said course during the supplementary exam; otherwise he/she shall re-register for the course again and follow the normal rules to obtain the PASS grade.
- A student who FAILs in obtaining 40% of marks in CIE and those who have not cleared in supplementary examination (Advanced supplementary examinations are exempted) has to re-register for the same course. In the event the said course is not offered, the student shall register for the equivalent course prescribed by the college.
- Students are eligible to apply for re-valuation, if he/she fails in semester end examination.

Students' assessment of Faculty, System in place

FEEDBACK ON FACULTY

Feedback on all courses will be collected through online from the students twice in a semester. The first feedback will be collected at the middle of the semester i.e., before first mid-term examinations and the second will be collected at the end of the semester. During the first feedback a questionnaire consisting of 5 parameters is adopted and a 10 parameter questionnaire along with feedback on course outcomes is taken at the second feedback.

Each parameter is measured based on the rating assigned to it i.e., 5 for Excellent, 4 for Very Good, 3 for Good, 2 for Fair and 1 for Poor. Each parameter average is measured by calculating the average number of students given against each rating. Final feedback of a faculty is measured considering the average rating given against each parameter.

Five Parameters used to collect the Feedback at the mid of the semester:

- Has the Instructor clearly stated the Learning Outcomes of the course?
- Was the class controlled and discipline maintained?
- How effective are the communication skills of the Faculty?
- Was the Instructor enthusiastic about teaching the class and invited questions and comments from students?
- Has the Instructor related course material to real life situations?

Ten parameters used to collect the feedback at the end of the semester:

- Was the class controlled and discipline maintained.



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- How effective were the communications skills.
- Provides up-to-date information on the topic(s).
- Did the faculty use real world examples and cases?
- Was the class interactive and doubts were clarified.
- How was the presentation style of the faculty?
- Encourages students to solve complex problems in the class.
- Makes objective and impartial evaluation of assessments.
- Sincerity and commitment towards academic work.
- Approachable after class hours for discussion and advice.

Student Participation Percentage:

On an average 80% of the students will be participating in the feedback process.

Feedback analysis Process and Corrective Measures:

The collected feedback will be analyzed based on the rating given against each parameter of evaluation. Based on the final average of the feedback, corrective measures are taken by:

- Interacting HOD with the faculty to identify the reasons for not performing well.
- Providing further guidance in the subject by available senior faculty / other faculty who taught the same subject.
- Deputing faculty to FDPs if required.

Faculty who get better feedback will be rewarded by giving more weightage in faculty annual self-appraisal for the consideration of their increment

For each Post Graduate Courses give the following:

- Title of the Course
- Curricula and Syllabi
- Laboratory facilities exclusive to the Post Graduate Course

Curriculum and Syllabi

SNo	Title of the Course	Curricula and Syllabi
1.	PG - M.Tech. - COMPUTER SCIENCE AND ENGINEERING	
2.	PG - M.Tech. – VLSI EMBEDDED SYSTEMS	
3.	PG – MBA – MASTER OF BUSINESS ADMINISTRATION	

Laboratory facilities exclusive to the Post Graduate Course

SNo.	Room No.	Details	Carpet area (in sqm)
1	1208D	PG-CSE-CSE LAB	67.50



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2	3014B	PG-ECE-DECS LAB	75.19
3	3021A	PG-ECE-ES LAB	66.95
4	3209	PG-EEE-PEED LAB-1	66.95
5	3125	PG-EEE-PEED LAB-2	80.34
6	2012	PG-ME-ED LAB	85.50
7	2B2B	PG-CE-STE LAB	98.70
8	1304	CSE RESEARCH LAB- (Extra)	77.77
9	3117	RESEARCH LAB	131.84

SNo	Title of the Course	Curricula and Syllabi
1.	PG - M.Tech. - COMPUTER SCIENCE AND ENGINEERING	
2.	PG - M.Tech. - DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	
3.	PG - M.Tech. - EMBEDDED SYSTEMS	
7.	PG – MBA – MASTER OF BUSINESS ADMINISTRATION	

Special Purpose

Software, all design tools in case Academic

Calendar and framework

Academic Calendar of SIET are availableat:

Academic Calendar frame work:

	Instruction Period	:17weeks	19 weeks
	Mid Semester Tests	:2weeks	



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FIRST SEMESTER (23 weeks)	Preparation & Practical Examinations	1 week
	External Examinations	3 weeks
Semester Break		1 week
SECOND SEMESTER (23 weeks)	Instruction Period : 17 weeks	19 weeks
	Mid Semester Tests : 2 weeks	
	Preparation & Practical Examinations	1 week
	External Examinations	3 weeks
Summer Vacation		5 weeks

16. Enrollment of students in the last 3 years

SNo	Course	Number of Students Admitted		
		2020-2021	2019-2020	2018-2019
1.	UG - B.Tech. - COMPUTER SCIENCE AND ENGINEERING	178	119	119
2.	UG - B.Tech. – Data Science	31	NA	NA
	UG - B.Tech. – Artificial Intelligence & Machine Learning	60	NA	NA
	UG - B.Tech. - ELECTRONICS AND COMMUNICATION ENGINEERING	101	118	120
	UG - B.Tech. - ELECTRICAL AND ELECTRONICS ENGINEERING	87	119	118
	UG - B.Tech. - MECHANICAL ENGINEERING	44	108	116
	UG - B.Tech. - CIVIL ENGINEERING	71	115	119
	PG - M.Tech. - COMPUTER SCIENCE AND ENGINEERING	16	01	08 I Shift 02 II Shift
	PG - M.Tech. - VLSI	18	00	18
	PG – MBA – MASTER OF BUSINESS ADMINISTRATION	55	48	37

17. List of Research Projects/ Consultancy Works

Number of Projects carried out, funding agency, Grant received

List of On-Going Projects

List of Completed Projects Details



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of Consultancy Activities:

Publications (if any) out of research in last three years out of masters projects

Industry Linkage

1. Google Readiness Program
2. Github Campus Program
3. BSNL-Regional Telecom Training Centre
4. NIAR-National Institute of Amateur Radio
5. Doordarshan Kendra
6. National Instruments
7. ViSolutions
8. Orient Cements
9. Ultra Tech Cements
10. PRECA Solutions India Pvt.Ltd.
11. Santhosh build well Infra Pvt.Ltd.
12. S.R.Technologies
13. Dreams Structural and Geo - technical Consultants
14. Adepto Geo-Infomatics Pvt.Ltd.
15. Pruthvi Adithya Infra - tech Pvt.Ltd.
16. Managalam Consultancy Services
17. NVLN Constructions Pvt.Ltd.
18. Ramco Cements
19. Dr.Fixit

MoUs with Industries (minimum 3)

1. EduSkills Foundations
2. AECC GLOBAL
3. HIEE
4. Ganesh RIG Industries
5. iSchoolConnect
6. Surya Electronics
7. Coding Ninjas
8. Quality Photonics Private Limited
9. Devi Electronics
10. Gurunanak Institutions Technical Campus
11. ECLAT ENGINEERING CONSULTANT
12. URBAN REBOX IT PVT LTD
13. Square yard Solutions
14. EEsaVyasa Technologies PVT LTD
18. LoA and subsequent EoA till the current Academic Year



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LoA and subsequent EoA till the current Academic Year are available at:

19. Accounted audited statement for the last three years

Accounted audited statement details are available at:

Best Practices adopted, if any

I. Centre for Innovation and Entrepreneurship(CIE)

The entrepreneurship and startup culture are the trend and the government of India has given a huge thrust promoting the culture of innovation and incubation at the higher educational institutions in general and Engineering Colleges in particular. Taking a cue from this the college initiated promoting the culture of innovation and incubation among its students. Accordingly, the college has established a Center for Innovation and Entrepreneurship (CIE) to promote and support the spirit of entrepreneurship among the graduated and graduating students.

Entrepreneurship education imparts qualities at individual level such as self-motivation and financial responsibility. In addition, this kind of education empowers people to have self-discipline since entrepreneurship involves taking well-calculated risks. People who have gone through this kind of training are able to recognize opportunities. Entrepreneurship education also encourages innovation in the running of organizations.

Teaching people innovative ways to make a living enables them to take control of their circumstances. In Tanzania, for example, entrepreneurship education is being used as a tool to empower women. Technically trained women, for example, struggle to find employment in a male-dominated domain. The education is aimed at improving their self-confidence and giving them a chance at becoming self-reliant so that they are not totally dependent on employment. This form of education also builds up self-awareness.

The CIE wishes to facilitate the creation of ideas and inventions that benefit society. To this end, CIE has established an Incubation center and adopted this Incubation Policy to provide guidance and management structure to facilitate the development of entrepreneurship. The incubation center is registered as a separate LLP Firm with name "SIET Experimental hub Private Limited" and all the incubated firms are registered under SIET Experimental hub private limited. SIET Experimental hub Pvt Ltd, under the aegis of CIE SIET and supported by the institute that funds, mentors and nurtures ideas, startups and entrepreneurs. Virtual incubates can operate from anywhere in India. Incubation centers support:

- Early stage startups
- Mid to large sized companies with developed ideas
- Mentors to help our startups

Primarily the aim of this training is to enable creation of employment as unemployment is a rampant problem in many societies. Entrepreneurship education aims at empowering people to create employment opportunities. Small and Medium Enterprises account for half the private work force in India. Most people seeking employment depend on entrepreneurs to embark on new ventures and hire them.



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Entrepreneurship Activities on campus

Various Activities were organized regularly to encourage and support students and faculty members.

Frequency of the activities are weekly, monthly and annually.

1. Entrepreneurship Talkseries
2. Entrepreneurship Awareness camps
3. Ideationcamp
4. Business Development Boot camps
5. Visit to startups
6. Faculty development workshops
7. Establishment of Entrepreneurship development cell
8. Organized E-Summit 2018 in the college

Start-ups like Utor AI, GRAD, Acads360 India, Strada Technologies, FATCAT and Aakriti were a few start-ups that emerged here and the journey of entrepreneurship continues very promisingly. The college is hopeful to take this initiative in a big way with the support of EDI, MSME, and Government of India.

II. Student Skill Development Cell (Competency Development Cell)

Many of the students enter the portals of the institution are from the first-generation families who look for a job immediate as career option after completion of their graduation. The challenge here is that their eligibility for a campus placement opportunity (the industry expects a minimum of 60% marks at both 10th and 12th standards). The college is totally concern about this. In order to facilitate the students to improve their academic performance and communication skills the college felt there is need for continuous skill building activity. Accordingly, a dedicated student skill development cell was established in the year 2016. The main objective of the Skill Development Cell is to bridge the gap between academia and industry and train the students on the required skill sets. Students are trained on employability skills to suit the requirement of the industry.

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There are several students who opt for the internship; however, the students don't have a clear idea of how to get the internship and the various assessment processes. Hence, the Student Skill Development Cell assists such students to go through the process and help them to attend and clear the interview. Some of our graduates prefer going for the higher studies in the foreign universities, however, they cannot afford to go without the scholarship. Hence, they need to appear for various test like GRE, TOFEL, PTE, IELTS etc, the trainers also extend helping hand and personal guidance to the desired students for achieving success in the test. The cell also extends its reach to the staff and faculty in aiding to improve their communication and connect with the industry for fetching a professional internship during these semester breaks. Since the Student Skill Development Cell also offers the assistance to the faculty/staff it is named as competency Development Cell (CDC) in the year 2018. The cell is headed by a senior faculty in the capacity associate dean of the institute. The competency development cell focuses on gathering the requirement of students, staff and faculty through various surveys and identifies the gaps and offer suitable services for enhancing the competencies of the concerned.

III. Engineering Projects in Community Service (EPICS)

Engineering Projects in Community Service (EPICS) is a unique program offered by the college in which teams of undergraduate students' design, build and deploy the real systems to solve engineering-based problems for local community. EPICS programme was initiated by Purdue University of the United States. The main objective of EPICS is to expose student to address the societal issues and to make the students socially responsible by finding and providing viable solutions for the problems stated by the community partners. EPICS faculty has been mentored by Purdue University Professor, Dr. William Oakes, who is the founder of EPICS program at Purdue University. The EPICS in IEEE program connects engineering with community service in four categories of community improvement effort:

- **Access and Abilities** - By bringing together student branches at universities, secondary students and nonprofit organizations, there is a greater ability to solve accessibility issues within communities. EPICS in IEEE Access and Abilities projects help enable adaptive services, clinics for those in need (such as children with disabilities), programs for adults and assistive technologies.
- **Education and Outreach** - EPICS in IEEE strives to help young students to discover the benefits of science, math, technology and engineering for their futures. Many projects give students hands-on experiences in order to stimulate their interests in those fields.
- **Environment** - Many EPICS in IEEE projects concern themselves with new ways to create electricity and energy, recycling and the use of renewable energy sources. Through these EPICS in IEEE projects, young students learn about the impact of environmental issues and how engineering can be part of the solution. They also gain exposure to potential jobs with a growing demand for alternative energy and environmental solutions.
- **Human Services** - Through their experiences in Human Services EPICS in IEEE projects, students find connections between engineering and the tremendous scope of community needs globally. This includes homelessness prevention,



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affordable housing, family and children agencies, neighborhood revitalization and local government.

This program became popular among the students as it gives more exposure to them and also establish connect with community and an opportunity to solve their problems with the application engineering.

A team of 15 college faculty members from various departments have enrolled in this program voluntarily to be the mentors for the students. These 15 faculty members have successfully completed the Design Thinking Course which is a six months course. In the month of April 2018, the college has signed an MOU with IEEE and EPICS in Purdue to introduce this EPICS course in the curriculum.

Eleven modules of Social Innovation and Engineering Explorations courses were successfully implemented so far to the students. As a part of pilot program, prototyping is also being done since 2017-18. The implementation phase has started and as a part of it five different projects and process are successfully completed. Thus, the EPICS included in the curriculum from the academic year and it profoundly helps in attaining the desired graduate attributes expected from the undergraduate engineering students of the institution.

IV. Innovative Teaching to achieve Program Outcomes

Innovative teaching is necessity for all teachers in order to meet the educational needs of the new generations. The purpose of education is not just making a student literate, but adds rationale thinking, knowledge, ability and self-sufficiency. The college practices Outcomes Based Education (OBE) approach in all aspect of TLP. Faculty members of the college use innovative teaching methods and techniques to fulfill the needs of OBE system. Some pedagogical initiatives used include role-playing, case studies, group projects, think-pair-share, peer teaching, debates, Just- in-Time Teaching, and short demonstrations followed by class discussion. The primary purpose of this practice being followed is to practice Student Centric Learning and strengthen technical Skills through Course-end projects and interdisciplinary projects and usage of Technology in teaching learning practices.

Active learning has enhanced the team spirit, learning capabilities and technical skills of the student. It created an environment to think more about technology, research and societal problems and find a solution for the problems around them, which also created a responsibility towards addressing the societal problems. Many of the students are part of research projects leading to patents, publications, startup ideas and few startups are initiated in the campus related to day- to-day student life problems. The proactive involvement in course-based projects enhanced the team spirit and motivated towards participation in National and State level competitions as well. The students' success rate improved and this is reflected in quality and statistics of the placements. The employer's feedback is a clear testimony of this claim. The students opting for international studies are able to come up with good grades and involve in research because of the self and interactive learning aptitude.

V. Online Student Feedback System

The college has a robust Online Student Feedback System (OSFS). OSFS is a web application which provides a base to conduct student's feedback online. Transparency and precision are the hallmarks of this system without any room for tampering. Feedback from students allows the institution to evaluate how its service provision is viewed by its most important stakeholders. This system was initiated to



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override the problems that the students face in the institution. The students, in a convenient, consistent and anonymous manner can submit their feedback about the faculty, the facilities and the courses offered to them during their period of their study. This system approaches all about institutional and educational practices and processes that are taken into consideration and the student's concerns of the level of the knowledge they receive. This procedure ensures that there is a good and cordial relationship between the students learning environment and the teachers. This has been very effective in identifying the issues related to curriculum and facilities successfully.

The results of the student feedback process, as well as the recommendations and the action taken are important considerations for the program review which each department is required to undertake. Online Feedback System has been instrumental in gathering the required information from students about the faculty, facilities and courses. It has also been an effective quality checking device that provides scope for improvement in various sections, thus enabling a positive learning environment for the students.

However, a few problems have been encountered which are divergent in terms of gathering productive feedback. In some instances, a few students were found to be deviating from what was required of them and in few other cases of students are not providing exact feedback and also showing low levels of interest were also registered. Overall this system implemented with great transparency and feedback taken was reviewed seriously and necessary corrective actions were also taken for improvement.